

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"156"/\$.ccls. and mooney.xa.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:56
L2	26	"156"/\$.ccls. and healy.xp.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:43
L3	361	(resin adj1 layer\$4) same inorganic with filler	US-PGPUB; USPAT	OR	ON	2006/07/27 12:48
L4	25	(resin adj1 layer\$4) same inorganic with filler and "156"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:49
L5	0	(resin adj1 layer\$4) same inorganic with filler and "156"/\$.ccls. and waveguide	US-PGPUB; USPAT	OR	ON	2006/07/27 12:49
L6	0	(resin adj1 layer\$4) same inorganic with filler and "156"/\$.ccls. and 438/29.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:50
L7	0	(resin adj1 layer\$4) same inorganic with filler and "156"/\$.ccls. and "438"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:50
L8	24	(resin adj1 layer\$4) same inorganic with filler and "438"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:50
L9	876	dielectric\$6 near2 ceramic\$5 near2 substrat\$6	US-PGPUB; USPAT	OR	ON	2006/07/27 12:52
L10	38	L9 and "156"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:53
L11	2	L9 and "156"/\$.ccls. and "438"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:56
L12	485	"156"/"89.11".ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:56
L13	868	"438"/29.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:57
L14	2177	385/88.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:57
L15	805	385/52.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:58
L16	2997	385/14.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 12:58
L17	1821	385/15.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 13:00
L18	1664	385/92.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/27 13:04

## EAST Search History

L19	1	(precision\$6 with machin\$4 with hole same alignment near3 guide and guide near1 pin and optic\$6 and substrate with ceram\$6 and (waveguide fiber) and resin).clm.	US-PGPUB; USPAT	OR	ON	2006/07/27 13:04
S1	1	"20050105860"	US-PGPUB; USPAT	OR	ON	2006/06/05 12:45
S2	1	"20050105860" and (second with recess)	US-PGPUB; USPAT	OR	ON	2006/02/03 10:34
S3	1	"20050105860" and (align\$6 near3 recess\$5)	US-PGPUB; USPAT	OR	ON	2006/02/03 14:18
S4	1	"20050105860" and (first with through with hole)	US-PGPUB; USPAT	OR	ON	2006/02/03 11:16
S5	1	"20050105860" and (resin adj1 layer\$4 with "23")	US-PGPUB; USPAT	OR	ON	2006/02/03 14:52
S6	1	"20050105860" and (substrate with side with align\$6 with recess\$5) and "23"	US-PGPUB; USPAT	OR	ON	2006/02/03 12:53
S7	1358	(ceramic near2 sapphire)	US-PGPUB; USPAT	OR	ON	2006/02/03 11:38
S8	145	(ceramic near2 sapphire) and "2005"	US-PGPUB; USPAT	OR	ON	2006/02/03 11:44
S9	4616	ceramic near2 (silicon adj1 carbide)	US-PGPUB; USPAT	OR	ON	2006/02/03 11:46
S10	337	ceramic near2 (silicon adj1 carbide) and "2005"	US-PGPUB; USPAT	OR	ON	2006/02/03 11:58
S11	19492	ceramic near2 (alumina)	US-PGPUB; USPAT	OR	ON	2006/02/03 11:48
S12	1648	ceramic near2 (alumina) and "2005"	US-PGPUB; USPAT	OR	ON	2006/02/03 11:49
S13	0	ceramic near2 (alumina) and (January with "2005")	US-PGPUB; USPAT	OR	ON	2006/02/03 11:49
S14	0	ceramic near2 (alumina) and (January same "2005")	US-PGPUB; USPAT	OR	ON	2006/02/03 11:50
S15	10	ceramic near2 (alumina) and (Jan same "2005")	US-PGPUB; USPAT	OR	ON	2006/02/03 11:50
S16	6	ceramic near2 (alumina) and (Jun same "2005")	US-PGPUB; USPAT	OR	ON	2006/02/03 11:51
S17	3	ceramic near2 (alumina) and (Jul same "2005")	US-PGPUB; USPAT	OR	ON	2006/02/03 11:53
S18	17	S15 S16 S17	US-PGPUB; USPAT	OR	ON	2006/02/03 11:52
S19	0	ceramic near2 (aluminum adj1 nitride) and (Jul same "2005")	US-PGPUB; USPAT	OR	ON	2006/02/03 11:53

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S20	2306	ceramic near2 (aluminum adj1 nitride)	US-PGPUB; USPAT	OR	ON	2006/02/03 11:53
S21	263	ceramic near2 (aluminum adj1 nitride) and "2005"	US-PGPUB; USPAT	OR	ON	2006/02/03 11:54
S22	124	(ceramic alumina (aluminum adj1 nitride) (silicon adj1 carbide)) same (hole with (epox\$6 resin) with (diameter radius))	US-PGPUB; USPAT	OR	ON	2006/02/03 12:07
S23	0	("2005/0105860").URPN.	USPAT	OR	OFF	2006/02/03 12:03
S24	0	("2005/0105860").URPN.	USPAT	OR	OFF	2006/02/03 12:04
S25	68	(ceramic alumina (aluminum adj1 nitride) (silicon adj1 carbide)) same (hole with (epox\$6 resin) with (diameter radius)) and (light optic\$6)	US-PGPUB; USPAT	OR	ON	2006/02/03 12:07
S26	28	(ceramic alumina (aluminum adj1 nitride) (silicon adj1 carbide)) same (hole with (epox\$6 resin) with (diameter radius)) and (optic\$6)	US-PGPUB; USPAT	OR	ON	2006/02/03 13:22
S27	1	("2004/0184737").URPN.	USPAT	OR	OFF	2006/02/03 12:34
S28	1	"20050105860" and (open near2 end)	US-PGPUB; USPAT	OR	ON	2006/02/03 12:53
S29	1	("2002/0185303").URPN.	USPAT	OR	OFF	2006/02/03 12:58
S30	1	"5684903".pn. and sleev\$6 with resin	US-PGPUB; USPAT	OR	ON	2006/02/03 13:23
S31	1	"5684903".pn. and sleev\$6 near2 resin	US-PGPUB; USPAT	OR	ON	2006/02/03 13:23
S32	1	"20050105860" and (guid\$6 near3 member\$5)	US-PGPUB; USPAT	OR	ON	2006/02/03 14:47
S33	1	"6025213".pn.	US-PGPUB; USPAT	OR	ON	2006/02/03 14:47
S34	1	"20050105860" and (side with align\$6 with recess)	US-PGPUB; USPAT	OR	ON	2006/02/03 15:11
S35	1	"20050105860" and (fitted (fittingly with angag\$5))	US-PGPUB; USPAT	OR	ON	2006/02/16 22:23
S36	1	"5631988".pn.	US-PGPUB; USPAT	OR	ON	2006/02/15 22:31
S37	841	dielectric\$6 near2 ceramic\$5 near2 substrat\$6	US-PGPUB; USPAT	OR	ON	2006/07/27 12:52
S38	70	dielectric\$6 near2 ceramic\$5 near2 substrat\$6 and "2005"	US-PGPUB; USPAT	OR	ON	2006/02/15 22:45
S39	94	laser near2 ceramic\$5 near2 substrat\$6	US-PGPUB; USPAT	OR	ON	2006/02/15 22:46

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S40	17	laser near2 chip near2 ceramic\$5	US-PGPUB; USPAT	OR	ON	2006/02/15 22:47
S41	900	laser near2 ceramic\$5	US-PGPUB; USPAT	OR	ON	2006/02/15 22:47
S42	72	laser near2 ceramic\$5 and "2005"	US-PGPUB; USPAT	OR	ON	2006/02/15 22:48
S43	61	laser near2 ceramic\$5 with made	US-PGPUB; USPAT	OR	ON	2006/02/15 22:56
S44	31	ceramic near2 passivation near2 layer	US-PGPUB; USPAT	OR	ON	2006/02/15 22:56
S45	1	"20050105860" and (precision with hole)	US-PGPUB; USPAT	OR	ON	2006/02/16 22:23
S46	1	(precision\$6 with machin\$4 with hole same alignment near3 guide and guide near1 pin and optic\$6 and substrate with ceram\$6 and (waveguide fiber) and resin).clm.	US-PGPUB; USPAT	OR	ON	2006/06/05 13:03
S47	0	(guide with member with fit\$4 and perforat near1 step and unsinter\$6 with ceram\$6 with machin\$6 and alignment with guid\$6 and substrate and recess).clm.	US-PGPUB; USPAT	OR	ON	2006/06/05 13:06
S48	2	(guide with member with fit\$4 and perforat\$6 near1 step and unsinter\$6 with ceram\$6 with machin\$6 and alignment with guid\$6 and substrate and recess).clm.	US-PGPUB; USPAT	OR	ON	2006/06/05 14:11
S49	1	"6960031".pn.	US-PGPUB; USPAT	OR	ON	2006/06/05 13:25
S50	0	("20040184737" and (ceram\$6 with recess\$6)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/05 14:29
S51	1	("20040184737" and (ceram\$6 with recess\$6))	US-PGPUB; USPAT	OR	ON	2006/06/05 14:12
S52	1	("20050105860" and (ceram\$6 with recess\$6))	US-PGPUB; USPAT	OR	ON	2006/06/05 14:14
S53	1	("20050105860" and (second with ceram\$6 with recess\$6))	US-PGPUB; USPAT	OR	ON	2006/06/05 14:17
S54	1	("20050105860" and (second with ceram\$6 with recess\$6) and (machin\$6 machinabil\$6))	US-PGPUB; USPAT	OR	ON	2006/06/05 14:37
S55	0	("20040184737" and (waveguide connector)).clm.	US-PGPUB; USPAT	OR	ON	2006/06/05 14:29
S56	1	("20040184737" and (waveguide connector))	US-PGPUB; USPAT	OR	ON	2006/06/05 14:30

## EAST Search History

S57	1	("20040184737" and component same (waveguide connector))	US-PGPUB; USPAT	OR	ON	2006/06/05 14:31
S58	1	("20040184737" and component with (waveguide connector))	US-PGPUB; USPAT	OR	ON	2006/06/05 14:40
S59	0	"20050105860" and inorganic\$6 with (machin\$6 machinabil\$6)	US-PGPUB; USPAT	OR	ON	2006/06/05 14:37
S60	0	"20050105860" and better with (machin\$6 machinabil\$6)	US-PGPUB; USPAT	OR	ON	2006/06/05 14:38
S61	1	"20050105860" and second with recess with ceram\$6	US-PGPUB; USPAT	OR	ON	2006/06/05 14:39
S62	1	"20050105860" and second with recess with ceram\$6 same (machin\$6 machinabil\$6)	US-PGPUB; USPAT	OR	ON	2006/06/05 14:46
S63	1	"20040184737" and better with (machin\$6 machinabil\$6)	US-PGPUB; USPAT	OR	ON	2006/06/05 14:46
S64	1	"20050105860" and second with recess with material	US-PGPUB; USPAT	OR	ON	2006/06/05 14:49
S65	1	"20040184737" and second with recess with material	US-PGPUB; USPAT	OR	ON	2006/06/05 14:48